ABSTRACT OF THE DISCLOSURE

An improved inter-module communication facilitation mechanism (CFM) is disclosed, which provides improved scalability, improved efficiency, and enhanced functionality and performance. In one aspect, the CFM enables a subscriber to subscribe

5   to multiple events using a single namespace specification and a single subscription request. In another aspect, the CFM enables publishers to broadcast, rather than unicast, events to multiple subscribers concurrently. In yet another aspect, the CFM enables message exchange between senders and recipients to be conducted reliably, while at the same time ensuring that a message will be delivered to a recipient at most once. These

10   and other aspects give rise to the many benefits offered by the CFM.